

## Analyzing the Mean

**Directions:** Answer each question in at least 4-6 complete and thoughtful sentences. Be prepared to discuss your responses in class tomorrow.

- a) On a recent math test, your class' scores on the test were as follows:

89, 90, 75, 76, 84, 10, 82, 76, 68, 10, 99, 100, and 68

Mrs. Minera calculated the mean of their test scores to be about 71. Do you think that this mean is a good way to represent the performance of a majority of the class? Why or why not? If not, do you think the median or mode might better represent the majority of the class? Explain.

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- b) On the same test, another class' scores are as follows:

89, 90, 75, 76, 84, 90, 82, 76, 68, 67, 99, 100, and 68

Mrs. Minera calculated the mean of their test scores to be about 82. Do you think that this mean is a good way to represent the performance of a majority of the class? Why or why not? ? If not, do you think the median or mode might better represent the majority of the class? Explain.

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